

# IRA-S200ST01A01



## Applications

|                          |                                                                                                                                                                                                                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unsuitable Applications  | Please be sure to read and comply with these "Precautions for use."                                                                                                                                                                                                                        |
| Specific Applications    | Consumer equipment<br>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product. |
| Recommended Applications | Intrusion detection, Security Equipment, Light, Indoor, For Wall, Improved RF immunity                                                                                                                                                                                                     |

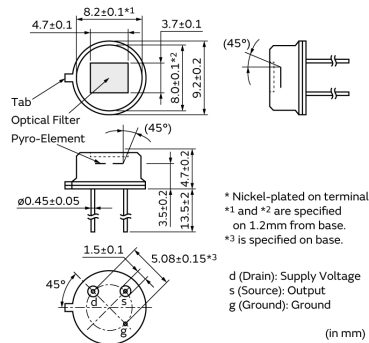
## Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|----------------|---------------------------|
| -         | Box            | 100                       |

## Features

Excellent Sensitivity & S/N ratio (Signal/Noise)  
Excellent Quality  
Excellent EMC

## Appearance & Shape



### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.  
2. This datasheet has only typical specifications because there is no space for detailed specifications.  
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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## Specifications

|                            |                      |
|----------------------------|----------------------|
| Shape                      | Lead                 |
| Dimensions                 | TO-5(φ9.2x4.7mm)     |
| Output Type                | Analog               |
| Electrode                  | (2.0x1.0mm)x2        |
| Responsivity(typ.)         | 4.6mV                |
| Supply Voltage Range       | 2V to 15V            |
| Field of View              | X-axis/Y-axis=45deg. |
| Operating Temperature (°C) | -40°C to 70°C        |
| Storage Temperature Range  | -40°C to 85°C        |

### Attention

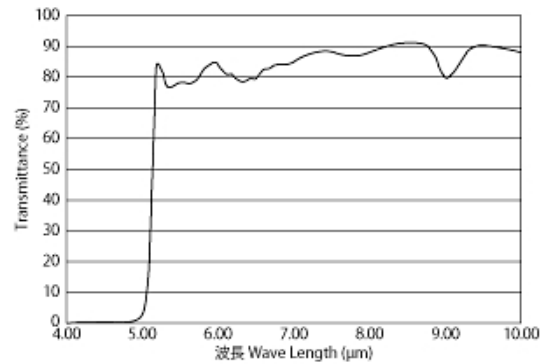
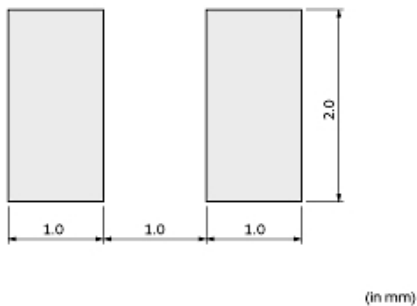
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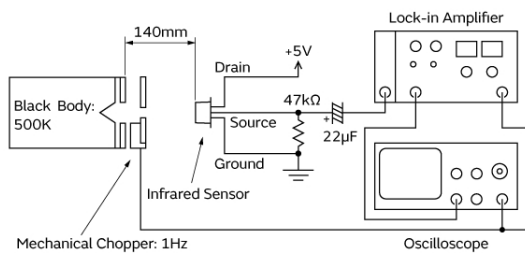
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## Product Data



### Pyroelectric Elements(Electrode Dimension)

### Optical Filter characteristics



### Test system of Responsivity

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